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(21)Application number : 2001-182747 (71)Applicant : MITSUBISHI CHEMICALS CORP
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(54) ULTRAFINE SEMICONDUCTOR PARTICLE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide ultrafine semiconductor particles having hydrophilicity, nonspecific adsorptivity to a biosubstance, and light-absorbing and emitting characteristics controlled by the quantum effect of the semiconductor crystals.

SOLUTION: These particles are prepared by bonding polyalkylene glycol residues to the surfaces of semiconductor crystals.

LEGAL STATUS

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